

49. (Twice Amended) A radiation curable composition [for coating a conductor,] comprising:

(a) an acrylate functional urethane oligomer having a hydrocarbon backbone;

(b) one or more [mono-or] polyfunctional diluents;

(c) [a] an acrylate ester of phosphoric acid [based adhesion promotor]; [and optionally]

(d) optionally one or more light sensitive radical generating compounds; and

(e) one or more monofunctional diluents.

*E 2
SUB
C47*

Please cancel claim 50 without prejudice or disclaimer.

REMARKS

Upon entry of this Amendment, claims 19, 27, and 29-49 will be pending of which two are independent, namely claims 27 and 49. Reconsideration of all the objections and rejections is respectfully requested in view of the foregoing amendments and the following remarks.

All claims stand rejected under 35 U.S.C. §103 as unpatentable over EP 0,801,041 to Szum *et al.* alone, and over U.S. Patent 5,352,712 to Shustack in view of Szum *et al.* Applicants respectfully traverse these rejections for at least the following reasons.

The present invention relates to a radiation curable composition comprising an acrylate functional urethane oligomer having a hydrocarbon backbone, one or more monofunctional diluents, and one or more polyfunctional diluents.

Regarding the rejections over Szum *et al.* alone, Applicants respectfully submits that this reference is absent any teaching of a composition comprising both a monofunctional and a polyfunctional diluent. Accordingly, withdrawal of the rejections over Szum *et al.* is respectfully requested.

Regarding Shustack in view of Szum *et al.*, the Examiner contends that Shustack, in lines 1-53 of column 9, "discloses coating compositions comprising a hydrocarbon polyol based reactively terminated aliphatic urethane oligomer" and that "[i]t would have been obvious to one skilled in the art to employ a strong acid functional ethylenically unsaturated monomer, such as phosphoric acid monoacrylate, as an adhesion promoter in the compositions disclosed by Shustack, as taught by EP '041 in analogous compositions in analogous art". See pages 4-5 of the outstanding Office Action, emphasis added. Applicants respectfully submit that Shustack, in lines 1-53 of column 9, discusses inner primary coating compositions, whereas Szum *et al.* is directed to incorporating the "phosphoric acid monoacrylate" in outer primary coating compositions. See, for instance, page 7, lines 43-50, and the Examples of Szum *et al.* Accordingly, Applicants respectfully submit that there is no motivation to combine the references in the manner suggested by the Examiner.

For any and all of the above reasons it is respectfully submitted that the present invention is patentable over the cited art.

CONCLUSION

Since all objections and rejections have been overcome, it is respectfully submitted that the present application is in condition for allowance and a Notice to that effect is earnestly solicited. If any questions remain, the Examiner is encouraged to call the undersigned attorney to expedite the prosecution of this application.

Respectfully submitted,

PILLSBURY MADISON & SUTRO LLP

By 

Paul L. Sharer
Reg. No. 36,004
Tel. No. (202) 861-3649
Fax No. (202) 822-0944

PLS/wdw
1100 New York Ave., N.W.
Ninth Floor - East Tower
Washington, D.C. 20005
(202) 861 - 3000